

DELAWARE'S UNIFIED WATERSHED ASSESSMENT AND WATERSHED RESTORATION PRIORITIES

October 1, 1998

Introduction

President Clinton's *Clean Water Action Plan*, released in February 1998, presents a broad vision of watershed protection, and includes a new, cooperative approach to restoring and protecting water quality. State, federal, tribal, and local governments are asked to work with stakeholders and interested citizens to: 1) identify watersheds with the most critical water quality problems, and 2) work together to focus resources and implement effective strategies to solve these problems.

At the State level, the assessments and the priorities for restoration guide the development of restoration strategies in 1999 and steer the use of most new resources made available through President Clinton's FY 1999 Clean Water and Watershed Restoration Budget Initiative to accelerate watershed restoration in a coordinated manner to achieve maximum effect. Existing federal authorities and programs can also make contributions to improving watershed health. By setting watershed restoration priorities, states can help guide federal assistance to achieve their local goals. At the national level, the information will be used to demonstrate that the nation has a coordinated strategy and can effectively use increased levels of financial resources should they be made available by Congress. If the President's budget is approved by Congress, additional financial resources may become available to Delaware.

To obtain a copy of the President's Clean Water Action Plan, please call, write, or fax your order to EPA's clearinghouse, the National Center for Environmental Publications and Information, 1-800-490-9198 (toll-free), P.O. Box 42419, Cincinnati, Ohio, 45242, (513) 489-8695 (fax). Ask for EPA-840-R-98-001. You can also order copies from the USDA by contacting Douglas Wilson, USDA-NRCS, Conservation Communications Staff, Room 0054-South Building, P.O. Box 2890, Washington, D.C. 20013-2890, or by fax: 202-720-6009. The Clean Water Action Plan is also available for viewing on the Internet at <http://www.epa.gov/cleanwater> or <http://www.nhq.nrcs.usda.gov/cleanwater/>.

Assessment Purpose

Many public agencies and private entities are involved in the monitoring, assessment, and management of Delaware's watersheds. They utilize a variety of methods, tools, and protocols to evaluate ecological and environmental conditions and to establish priorities for addressing identified problems. Further, many are involved in the protection and management of healthy natural systems. Hence, there was a need to bring together representatives from these agencies, private groups and businesses to develop a consolidated or "unified" list of watersheds in need of remediation or additional protection. This document identifies the individuals involved in this effort and the approach they used to develop Delaware's Unified Watershed Assessment and Watershed Restoration Priorities.

Watershed Assessment Team

Delaware's 1998 Unified Watershed Assessment and Watershed Restoration Priorities were developed by a team of representatives from federal, State, and local agencies and various industry and advocacy groups. The Watershed Assessment Team also serves as the U.S. Department of Agriculture, Natural Resources Conservation Service's State Technical Committee. The Committee was established to provide advice and guidance regarding the various conservation programs available to landowners. Following are the organizations represented on the Team:

Center for Inland Bays
Delaware Association of Conservation Districts
Delaware Council of Farm Organizations
Delaware Department of Agriculture
Delaware Department of Natural Resources & Environmental Control
Delaware Estuary Program
Delaware Farm Bureau
Delaware Forest Service
Delaware Forestry Association
Delaware Geological Survey
Delaware League of Women Voters
Delaware Nature Society
Delaware State Historic Preservation Office
Delaware Wildlands
Delmarva Poultry Industry Inc.
DuPont Agricultural Products
Home Builders Association of Delaware
Land Improvement Contractors Association
Sierra Club
Southern States Cooperative
The Nature Conservancy
University of Delaware
 U.S. Army Corps of Engineers
U.S. Geological Survey
U.S. Environmental Protection Agency
USDA, Farm Services Agency
USDA, Forest Service
USDA, Natural Resources Conservation Service
USDI, Fish & Wildlife Service

Assessment Approach

The Watershed Assessment Team evaluated the chemical and biological health of Delaware's waterways and the condition of habitats in and around those waterways using a variety of existing assessment tools. These tools are described by the documents listed below. Copies of these documents are available by contacting the agencies listed.

DNREC. 1995. Nonpoint Source Pollution Program Assessment Report, Delaware Department of Natural Resources and Environmental Control, Division of Soil and Water Conservation, Nonpoint Source Program, 89 Kings Highway, Dover, DE 19901, 302-739-3451.

DNREC. 1996. State of Delaware 1996 Watershed Assessment Report (305(b)). Department of Natural Resources and Environmental Control, Division of Water Resources, Watershed Assessment Branch, 29 South State Street, Dover, DE 19901, 302-739-4590.

DNREC. 1998. State of Delaware 1998 Watershed Assessment Report (305(b)). Department of Natural Resources and Environmental Control, Division of Water Resources, Watershed Assessment Branch, 29 South State Street, Dover, DE 19901, 302-739-4590.

DNREC. 1998. Final Determination for the State of Delaware 1998 Clean Water Act Section 303(d) List of Waters Needing TMDLs. Department of Natural Resources and Environmental Control, Division of Water Resources, Watershed Assessment Branch, 29 South State Street, Dover, DE 19901, 302-739-4590.

Delaware Estuary Program. 1996. Comprehensive Conservation and Management Plan for the Delaware Estuary. Partnership for the Delaware Estuary, Inc., P.O. Box 9569, Wilmington, DE 19802, 302-793-1701 or 1-800-445-4935 (toll free).

Inland Bays Estuary Program. 1995. Comprehensive Conservation and Management Plan for Delaware's Inland Bays. Center for the Inland Bays, P.O. Box 297, Nassau, DE 19969, 302-645-7325.

DNREC. 1998. Piedmont Basin Preliminary Assessment Report. Department of Natural Resources and Environmental Control, Office of the Secretary, Whole Basin Management Program, 89 Kings Highway, Dover, DE 19901, 302-739-4403.

The Assessment and Watershed Restoration Priorities

The following list represents consensus among the members of Delaware's State Technical Committee regarding those watersheds in need of environmental and/or ecological improvements. High priority watersheds, or those to be addressed during the period October 1, 1998, through September 30, 2000 (federal fiscal years 1999 and 2000), are highlighted (shaded).

The basis for the Assessment and Restoration Priorities is the State of Delaware's 1998 Clean Water Act Section 303(d) List of Waters Needing TMDLs. The List includes TMDL development schedules which are consistent with a federal consent decree. The consent decree evolved during out-of-court lawsuit settlement negotiations between the Environmental Protection Agency, Department of Natural Resources and Environmental Control, and several Plaintiffs. Since EPA and DNREC are legally obligated to meet the court-ordered deadlines, it is imperative that these deadlines be reflected in the Unified Watershed Assessment and Watershed Restoration Priorities. DNREC intends to work with interested stakeholders to develop watershed specific Pollution Control Strategies for those watersheds where TMDLs have been adopted. These Strategies will use a combination of voluntary and regulatory methods to achieve pollution reduction goals set by the TMDLs.

DELAWARE'S UNIFIED WATERSHED ASSESSMENT AND WATERSHED RESTORATION PRIORITIES

COLUMN DESCRIPTIONS

Hydrologic Unit Code (HUC)

The first level of classification divides the nation into 21 major geographic areas, or regions. These geographic areas contain either the drainage area of a major river, such as the Missouri region, or the combined drainage areas of a series of rivers, such as the Mid-Atlantic Region, which includes the rivers from New York to Virginia that drain to the Atlantic Ocean.

The second level of classification divides the 21 regions into 222 subregions. A subregion includes the area drained by a river system, a reach of a river and its tributaries in that reach, a closed basin(s), or a group of streams forming a coastal drainage area.

The third level of classification subdivides many of the subregions into accounting units. These 352 hydrologic accounting units nest within, or are equivalent to, the subregions.

The fourth level of classification is the cataloging unit, the smallest element in the hierarchy of hydrologic units. A cataloging unit is a geographic area representing part or all of a surface drainage basin, a combination of drainage basins, or a distinct hydrologic feature. These units subdivide the subregions and accounting units into smaller areas. There are 2150 Cataloging Units in the nation. Cataloging Units are sometimes called watersheds.

Watershed Name

The State of Delaware is divided into 41 watersheds.

Waterbody I.D. (Total Size)

The code used to identify a specific segment and the total size of that segment. Streams are measured in miles, lakes and ponds in acres, and estuaries in square miles.

Segment

Name of the waterbody.

Description

General description of the waterbody.

Category

Management status of a waterbody:

1=Watershed is in need of restoration (does not meet water quality or ecological health goals)

2=Watershed is in need of preventive action in order to sustain current health.

3=Watershed is pristine or contains a sensitive aquatic system and is within lands administered by the federal or State government.

4=Watershed with insufficient data to make an assessment.

Size Affected

The size of the described waterbody

Pollutant(s) and/or Stressors

The cause of an impairment; can be chemical, biological, and/or the result of degraded habitat

DO = Dissolved Oxygen

SS = Suspended Solids

Probable Source(s)

The source of the pollutant and/or stressor

NPS = Nonpoint Source(s)

PS = Point Source(s)

SF = Superfund Site(s)

Target Date for TMDL

The anticipated date that a Total Maximum Daily Load will be promulgated. Unless otherwise specified, the due date will be December 31 of the calendar year listed.

Shading

Shaded segments indicate those targeted for restoration activities through 1999 (federal fiscal years 1999 and 2000).

DELAWARE'S UNIFIED WATERSHED ASSESSMENT AND WATERSHED RESTORATION PRIORITIES October 1, 1998

HUC (RF3)	WATERSHED NAME	WATERBODY ID (TOTAL SIZE)	SEGMENT	DESCRIPTION	CATEGORY	SIZE AFFECTED	POLLUTANT(S) AND / OR STRESSOR(S)	PROBABLE SOURCE(S)	TARGET DATE FOR TMDL
<i>PIEDMONT BASIN</i>									
2040205	Naamans Creek	DE230-001-01 (0.30 miles)	Lower Naamans Creek	From the mouth at the Delaware River, upstream to the first railroad bridge crossing	1	0.30 miles	Bacteria	NPS	2004
2040205	Naamans Creek	DE230-001-02 (11.0 miles)	North Branch and South Branch	Upper Naamans Creek, including all tributaries on the North Branch and South Branch	1	7.8 miles	Bacteria and Nutrients	NPS	2004
				First tributary after the headwaters of South Naamans Creek to the mainstem	1	1.15 miles	Biology and Habitat	NPS	2009
				From the confluence of Naamans Creek and West Branch Naamans Creek to the confluence of Naamans Creek and North Branch Naamans Creek	1	0.56 miles	Biology and Habitat	NPS	2009
2040205	Shellpot Creek	DE300-001-01 (1.0 mile)	Lower Shellpot Creek	From the head of tide below the east set of railroad tracks to the mouth of the Delaware River	1	1.0 mile	Nutrients and DO	NPS, Delaware River	2004
2040205	Shellpot Creek	DE300-001-02 (14.2 miles)	Upper Shellpot Creek	From the headwaters to the head of tide below the east set of railroad tracks	1	7.7 miles	Bacteria and Nutrients	NPS	2004
				Western tributary of the headwaters to the confluence of the next larger stream order	1	1.4 miles	Biology and Habitat	NPS	2009
				From the headwaters of Matson Run to the confluence with mainstem Shellpot Creek	1	1.3 miles	Habitat	NPS	2009
				From the headwaters of Matson Run to the confluence with mainstem Shellpot Creek	1	1.3 miles	Biology and Habitat	NPS	2009

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2040205	Shellpot Creek	DE300-001-03 (7.6 miles)	All other tributaries located in the watershed but NOT on the mainstem	Western tributary of the headwaters of Stoney Creek to the confluence with mainstem Stoney Creek	1	0.63 miles	Habitat	NPS	2009
				From the confluence of the headwaters of Stoney Creek to the mouth of the Delaware River	1	1.2 miles	Biology and Habitat	NPS	2009
2040205	Brandywine Creek	DE040-001 (3.8 miles)	Lower Brandywine	Mainstem Lower Brandywine	1	3.8 miles	Nutrients and PCBs	PS, NPS, SF	1999 (for Nutrients)
									2009 (for PCBs)
				Mainstem Lower Brandywine	1	3.8 miles	Habitat	NPS	2009
2040205	Brandywine Creek	DE040-002 (9.3 miles)	Upper Brandywine	From State Line to Wilmington	1	9.3 miles	Bacteria, PCBs, and Nutrients	PS, NPS, SF	1999 (for Nutrients)
									2004 (for Bacteria)
									2009 (for PCBs)
				From State line to the confluence with the Christina River	1	8.0 miles	Habitat	NPS	2009
2040205	Brandywine Creek	DE040-003 (19.4 miles)	All tributaries on Brandywine Creek from the headwaters at PA-DE line to the confluence with the Christina River	Eastern tributary of Beaver Creek, from headwaters to the confluence with mainstem Beaver Creek	1	0.96 miles	Biology and Habitat	NPS	2009
				Tributary originating in Pennsylvania on the western side of Brandywine Creek	1	0.26 miles	Biology and Habitat	NPS	2009
				Tributary of Brandywine Creek, off Route 100 (near PA-DE border)	1	0.92 miles	Habitat	NPS	2009
				Tributary of Brandywine Creek just below Beaver Creek	1	0.85 miles	Habitat	NPS	2009
				Eastern tributary of the headwaters of Rocky Run (upper half)	1	1.16 miles	Habitat	NPS	2009

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				Eastern tributary of the headwaters of Rocky Run (lower half)	1	1.16 miles	Biology and Habitat	NPS	2009
				From the confluence of the headwaters of Wilson Run to the next larger stream order (lower half)	1	0.64 miles	Habitat	NPS	2009
				From the confluence of the headwaters of Wilson Run to the next larger stream order (upper half)	1	0.64 miles	Biology and Habitat	NPS	2009
				Wilson Run, from start of the third order stream to the confluence with Brandywine Creek	1	0.88 miles	Biology	NPS	2009
				Tributary of Wilson Run on Montchanin Road from the headwaters to the first confluence	1	0.45 miles	Habitat	NPS	2009
2040205	Red Clay Creek	DE260-001 (12.8 miles)	Mainstem	From PA-DE line to the confluence with White Clay Creek	1	12.8 miles	Bacteria, Nutrients, Zn, and PCBs	PS, NPS, SF	1999 (for Nutrients and Zn)
									2004 (for Bacteria)
									2009 (for PCBs)
				From the confluence of West Branch Red Clay Creek to the confluence with White Clay Creek (lower half)	1	6.4 miles	Habitat	NPS	2009
				From the confluence of West Branch Red Clay Creek to the confluence with White Clay Creek (upper half)	1	6.4 miles	Biology and Habitat	NPS	2009

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2040205	Red Clay Creek	DE260-002 (4.5 miles)	Burroughs Run	From PA-DE line to the confluence with Red Clay Creek	1	2.6 miles	Bacteria and Nutrients	NPS	1999 (for Nutrients)
									2004 (for Bacteria)
				From the confluence of the headwaters of Burroughs Run to the confluence with Red clay Creek	1	4.21 miles	Biology	NPS	2009
2040205	Red Clay Creek	DE260-003 (10.3 miles)	All other tributaries located in the watershed but NOT on the mainstem	Second tributary below Burroughs Run to the confluence with Red Clay Creek	1	1.4 miles	Habitat	NPS	2009
				Western tributary of the headwaters of Hyde Run to the confluence with the next larger stream order	1	1.20 miles	Biology and Habitat	NPS	2009
2040205	Red Clay Creek	DE260-L01 (200.0 acres)	Reservoir	Hoopes Reservoir	1	200.0 acres	Bacteria	PS, NPS	2004
2040205	White Clay Creek	DE320-001 (18.2 miles)	Mainstem	From the PA-DE line to the confluence with the Christina River	1	15.6 miles	Bacteria, Nutrients, Zn (below Paper Mill Road) and PCBs (River mouth to Paper Mill Road)	PS, NPS	1999 (for Nutrients and Zn)
									2004 (for Bacteria)
									2009 (for PCBs)
				From the confluence of East Branch White Clay Creek and West Branch White Clay Creek to the confluence with the Christina River	1	16.2 miles	Biology and Habitat	NPS	2009
2040205	White Clay Creek	DE320-002 (16.6 miles)	Mill Creek	From the headwaters to the confluence with White Clay Creek	1	8.3 miles	Bacteria and Nutrients	NPS	1999 (for Nutrients)
									2004 (for Bacteria)
				From the confluence of the headwaters of Mill Creek to the confluence with the next larger stream order	1	0.27 miles	Biology and Habitat	NPS	2009
				Second western tributary-- From the headwaters of mainstem Mill Creek	1	0.04 miles	Habitat	NPS	2009

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				From the confluence of the headwaters of Mill Creek to the confluence with White Clay Creek (upper half)	1	1.64 miles	Habitat	NPS	2009
				From the confluence of the headwaters of Mill Creek to the confluence with White Clay Creek (lower half)	1	1.64 miles	Biology and Habitat	NPS	2009
2040205	White Clay Creek	DE320-003 (9.4 miles)	Pike Creek	From the headwaters to the confluence with White Clay Creek	1	5.4 miles	Bacteria and Nutrients	NPS	1999 (for Nutrients)
									2004 (for Bacteria)
				Third eastern tributary after the headwaters of Pike Creek (upper half)	1	0.21 miles	Biology	NPS	2009
				Third eastern tributary after the headwaters of Pike Creek (lower half)	1	0.21 miles	Biology and Habitat	NPS	2009
				Second eastern tributary after the headwaters of Pike Creek	1	0.96 miles	Biology and Habitat	NPS	2009
				From the confluence of the headwaters of Pike Creek to the confluence with White Clay Creek	1	4.7 miles	Biology and Habitat	NPS	2009
2040205	White Clay Creek	DE320-004 (5.8 miles)	Muddy Run	From the headwaters to the confluence with White Clay Creek	1	4.5 miles	Bacteria and Nutrients	NPS	1999 (for Nutrients)
									2004 (for Bacteria)
				Eastern tributary of the headwaters of Muddy Run to the confluence of the next larger stream order (upper half)	1	0.89 miles	Biology	NPS	2009
				Eastern tributary of the headwaters of Muddy Run to the confluence of the next larger stream order (lower half)	1	0.89 miles	Biology and Habitat	NPS	2009

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				Western tributary of the headwaters of Muddy Run to the confluence with the mainstem	1	1.3 miles	Habitat	NPS	2009
2040205	White Clay Creek	DE320-005 (14.2 miles)	All tributaries from the headwaters to the confluence with the Christina River	First tributary after State line to the confluence of White Clay Creek, along Thompson Station Road	1	1.1 miles	Habitat	NPS	2009
				Tributary off The Hunt at Louviers	1	0.38 miles	Biology	NPS	2009
				Tributary off White Clay Creek that parallels Paper Mill Road-- Jennys Run	1	0.38 miles	Biology	NPS	2009
				First tributary after Pike Creek--from the headwaters to the confluence with White Clay Creek	1	1.1 miles	Habitat	NPS	2009
2040205	Christina River	DE120-001 (1.5 miles)	Lower Christina River	Mainstem Lower Christina River	1	1.5 miles	Nutrients, DO, and PCBs	NPS, SF	1999 (for Nutrients and DO)
									2009 (for PCBs)
2040205	Christina River	DE120-002 (8.5 miles)	Mid Christina River	Between White Clay Creek and Brandywine River	1	7.5 miles	Nutrients and PCBs	NPS, SF	1999 (for Nutrients)
									2009 (for PCBs)
2040205	Christina River	DE120-002-01 (3.0 miles)	Mid Christina River	Tributaries of the Christina River between the confluences of White Clay Creek and Brandywine Creek	4	N/A	N/A	N/A	N/A
2040205	Christina River	DE120-003 (6.9 miles)	Upper Christina River	Mainstem Upper Christina River	1	6.3 miles	Nutrients, PCBs, and Bacteria	NPS, SF	1999 (for Nutrients)
									2004 (for Bacteria)
				Segments from Smalley's Pond overflow to the confluence with White Clay Creek	1	5.77 miles	Biology and Habitat	NPS	2009

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				Tributary downstream of Smalleys Pond on the Christina River	1	0.65 miles	Biology	NPS	2009
2040205	Christina River	DE120-003-01 (3.0 miles)	Upper Christina River	Nonesuch Creek	4	N/A	N/A	N/A	N/A
2040205	Christina River	DE120-003-02 (3.1 miles)	Lower Christina Creek	Tributary from Smalleys Pond overflow to White Clay Creek	1	1.0 mile	Biology and Habitat	NPS	2009
2040205	Christina River	DE120-004-01 (8.4 miles)	Lower Christina Creek	Mainstem Lower Christina Creek	1	8.4 miles	Bacteria, Nutrients, and PCBs	NPS	1999 (for Nutrients)
									2004 (for Bacteria)
									2009 (for PCBs)
				From the confluence of West Branch Christina River to the confluence with the mainstem	1	6.0 miles	Biology and Habitat	NPS	2009
2040205	Christina River	DE120-004-02 (5.6 miles)	Belltown Run	From the headwaters above Becks Pond to the confluence with the Christina River	1	3.8 miles	Bacteria	NPS	2004
				Eastern tributary of the headwaters of Belltown Run to the confluence with the Christina River	1	4.2 miles	Biology and Habitat	NPS	2009
				Western tributary of the headwaters of Belltown Run to its confluence	1	0.88 miles	Habitat	NPS	2009
2040205	Christina River	DE120-004-03 (13.1 miles)	Muddy Run	From the headwaters above Sunset Pond to the confluence with Belltown Run below Becks Pond	1	8.0 miles	Bacteria	NPS	2004
				From the headwaters of Iron Hill Run to the next larger stream order	1	2.3 miles	Habitat	NPS	2009
				Eastern tributary of the headwaters of Iron Hill Run to the next larger stream order	1	0.71 miles	Habitat	NPS	2009
				Eastern tributary above Sunset Pond to the confluence of the next larger stream order	1	2.3 miles	Biology	NPS	2009
				Eastern tributary of the headwaters of Muddy Run to its confluence	1	0.63 miles	Habitat	NPS	2009

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2040205	Christina River	DE120-005-01 (5.3 miles)	West Branch	West Branch including Persimmon Run and Stine Haskell Branch	1	5.3 miles	Bacteria and Nutrients	NPS	1999 (for Nutrients)
									2004 (for Bacteria)
2040205	Christina River	DE120-006 (10.8 miles)	Upper Christina Creek	Mainstem Upper Christina Creek	1	8.3 miles	Bacteria and Nutrients	NPS	1999 (for Nutrients)
									2004 (for Bacteria)
				From the confluence of the headwaters of Upper Christina River to the confluence of West Branch	1	2.6 miles	Biology and Habitat	NPS	2009
				First western tributary after the headwaters of the Upper Christina River to mainstem Upper Christina River (upper half)	1	0.67 miles	Habitat	NPS	2009
				First western tributary after the headwaters of the Upper Christina River to mainstem Upper Christina River (lower half)	1	0.67 miles	Biology and Habitat	NPS	2009
2040205	Christina River	DE120-007-01 (12.8 miles)	Little Mill Creek and Willow Run	From the confluence of Willow Run and Chestnut Run to the confluence with the Christina River	1	5.1 miles	Bacteria, DO, Nutrients, and PCBs	NPS, SF	1999 (for Nutrients and DO)
									2004 (for Bacteria)
									2009 (for PCBs)
				First western tributary after the headwaters of Little Mill Creek to the confluence with mainstem Little Mill Creek	1	1.4 miles	Habitat	NPS	2009
				From the headwaters of Willow Run to the confluence with the Christina River	1	0.54 miles	Habitat	NPS	2009
				From the confluence of the headwaters of Little Mill Creek to the confluence of Chestnut Run	1	4.4 miles	Biology and Habitat	NPS	2009

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				Little Mill Creek--from the confluence of Chestnut Run to the confluence with the Christina River	1	3.4 miles	Biology and Habitat	NPS	2009
2040205	Christina River	DE120-007-02 (2.8 miles)	Chestnut Run	From the headwaters of Chestnut Run to the confluence with the Christina River	1	2.8 miles	Bacteria	NPS	2004
				Eastern tributary of the headwaters of Chestnut Run to the confluence of the next larger stream order	1	1.1 miles	Habitat	NPS	2009
				Left tributary of the headwaters of Chestnut Run to the confluence of the next larger stream order	1	0.43 miles	Biology and Habitat	NPS	2009
2040205	Christina River	DE120-L01 (30.0 acres)	Smalleys Pond	Smalleys Pond east of Newark	1	30.0 acres	Bacteria, Nutrients, and PCBs	NPS	1999 (for Nutrients)
									2004 (for Bacteria)
									2009 (for PCBs)
2040205	Christina River	DE120-L02 (25.6 acres)	Becks Pond	Becks Pond southeast of Newark	1	25.6 acres	Bacteria and Nutrients	NPS	1999 (for Nutrients)
									2004 (for Bacteria)

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2040205	Christina River	DE120-L03 (40.0 acres)	Sunset Pond	Sunset Pond south of Newark	1	40.0 acres	Bacteria and DO	NPS	1999 (for DO)
									2004 (for Bacteria)

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CHESAPEAKE BAY BASIN									
2060002	Chesapeake Drainage System	DE100-001 (12.2 miles)	Cypress Branch, including tributaries	Mainstem	1	6.6 miles	Bacteria and DO	NPS	2005
				Cypress Branch--from the confluence of Black Stallion Ditch to the MD-DE line	1	1.60 miles	DO and Biology	NPS	2005 (for DO)
									2010 (for Biology)
				Tributary of Cypress Branch--from the confluence of the headwaters to the confluence with the mainstem	1	0.35 miles	Biology	NPS	2010
2060002	Chesapeake Drainage System	DE100-002 (18.8 miles)	Sewell Branch, including tributaries	Mainstem	1	7.2 miles	Bacteria, DO, and Nutrients	NPS	2005
				From the confluence of the headwaters to the confluence with Sewell Branch	1	8.20 miles	DO, Biology and Habitat	NPS	2005 (for DO)
									2010 (for Biology and Habitat)
2060002	Chesapeake Drainage System	DE100-003 (20.6 miles)	Gravelly Run, including tributaries	Mainstem	1	7.7 miles	Bacteria, DO, and Nutrients	NPS	2005
				Gravelly Run--from the confluence of Jamison Branch to the MD-DE line	1	1.08 miles	Habitat	NPS	2010
				Tributary of Gravelly Run--from the headwaters to the confluence with the mainstem	1	0.22 miles	Habitat	NPS	2010
				Tributary of Gravelly Run--first western tributary upstream of Gravelly Run	1	1.21 miles	Biology and Habitat	NPS	2010
				Tributary of Gravelly Run--second eastern tributary from the headwaters of Gravelly Run to the mainstem	1	1.25 miles	Habitat	NPS	2010
				Gravelly Run--from the start of the third order stream to the confluence with Jamison Branch	1	2.28 miles	Biology and Habitat	NPS	2010

HUC (RF3)	WATERSHED NAME	WATERBODY ID (TOTAL SIZE)	SEGMENT	DESCRIPTION	CATEGORY	SIZE AFFECTED	POLLUTANT(S) AND / OR STRESSOR(S)	PROBABLE SOURCE(S)	TARGET DATE FOR TMDL
				From the confluence of Gravelly Run and Jamison Branch to the MD-DE line	1	1.14 miles	Biology and Habitat	NPS	2010
2060002	Chesapeake Drainage System	DE100-004 (21.7 miles)	Tributaries of Elk River	First eastern tributary after the headwaters of Great Bohemia Creek	1	1.55 miles	Habitat	NPS	2010
				Eastern tributary of the headwaters of Back Creek to its confluence	1	1.26 miles	Biology	NPS	2010
2060002	Chesapeake Drainage System	DE100-005 (7.2 miles)	Tributaries of Sassafras River	Western tributary of the headwaters of Sassafras River to its confluence	1	1.92 miles	Biology	NPS	2010
				From the confluence of the headwaters of Sassafras River to the next larger stream order	1	0.95 miles	Biology and Habitat	NPS	2010
2060005	Choptank	DE110-001 (36.3 miles)	Tappahanna Ditch	Mainstem	1	7.5 miles	Bacteria, DO, and Nutrients	NPS	2005
				From start of the fourth order stream to the confluence with Tidy Island Creek	1	6.58 miles	Biology and Habitat	NPS	2010
				Start of third order stream on Tappahanna Ditch to the confluence of the next larger stream order	1	1.12 miles	Biology and Habitat	NPS	2010
				First western tributary after the headwaters of Tappahanna Ditch to its confluence	1	0.40 miles	Habitat	NPS	2010
				Tidy Island Creek--from the confluence with Tappahanna Ditch to the MD-DE line	1	0.21 miles	Habitat	NPS	2010
				Choptank River--from the start of the third order stream to the confluence with Choptank River	1	2.31 miles	Biology and Habitat	NPS	2010
				Seventh eastern tributary upstream of Tappahanna Ditch	1	1.30 miles	DO and Habitat	NPS	2005 (for DO)
									2010 (for Habitat)
				Tributary of Tappahanna Ditch--western tributary of the headwaters to its confluence	1	0.38 miles	Biology and Habitat	NPS	2010

HUC (RF3)	WATERSHED NAME	WATERBODY ID (TOTAL SIZE)	SEGMENT	DESCRIPTION	CATEGORY	SIZE AFFECTED	POLLUTANT(S) AND / OR STRESSOR(S)	PROBABLE SOURCE(S)	TARGET DATE FOR TMDL
				Second western tributary after the headwaters of Tappahanna Ditch to its confluence	1	0.88 miles	Biology and Habitat	NPS	2010
2060002	Choptank	DE110-002 (34.3 miles)	Culbreth Marsh Ditch	Mainstem	1	10.0 miles	Bacteria, DO, and Nutrients	NPS	2005
				Luther Marvel Prong--from the confluence of the headwaters to the confluence with Culbreth Marsh Ditch	1	1.07 miles	Biology and Habitat	NPS	2010
				From the confluence of Powell Ditch to the confluence with Ross Prong	1	1.31 miles	Habitat	NPS	2010
				Culbreth Marsh Ditch--from start of the fourth order stream to the confluence with Mud Millpond (lower half)	1	1.79 miles	Habitat	NPS	2010
				Culbreth Marsh Ditch--from start of the fourth order stream to the confluence with Mud Millpond (upper half)	1	1.79 miles	DO, Temperature, Biology and Habitat	NPS	2005 (for DO and Temperature)
									2010 (for Biology and Habitat)
				Culbreth Marsh Ditch--from the confluence of Ross Prong to the confluence with the next larger stream order	1	3.62 miles	Biology and Habitat	NPS	2010
				Culbreth Marsh Ditch--from the confluence of Mud Millpond to the confluence of Cow Marsh Creek	1	1.86 miles	Biology	NPS	2010
				Third western tributary upstream of Culbreth Marsh Ditch	1	1.99 miles	Biology and Habitat	NPS	2010
2060002	Choptank	DE110-003 (89.9 miles)	Cow Marsh Creek	Ross Prong--from the confluence of the headwaters to the confluence with Culbreth Marsh Ditch	1	2.61 miles	Biology and Habitat	NPS	2010
				Mainstem	1	15.1 miles	Bacteria, DO, and Nutrients	NPS	2005
				First upstream tributary on Meredith Branch	1	0.46 miles	Habitat	NPS	2010

HUC (RF3)	WATERSHED NAME	WATERBODY ID (TOTAL SIZE)	SEGMENT	DESCRIPTION	CATEGORY	SIZE AFFECTED	POLLUTANT(S) AND / OR STRESSOR(S)	PROBABLE SOURCE(S)	TARGET DATE FOR TMDL
				From the confluence of the headwaters of Sangston Prong to the confluence Gravelly Branch	1	1.98 miles	Biology and Habitat	NPS	2010
				Tributary of Gary Mill Pond Branch--from the confluence of the headwaters to the confluence with Gary Mill Pond Branch	1	1.00 miles	Biology and Habitat	NPS	2010
				First eastern tributary after the headwaters of Wildcat Branch	1	1.21 miles	Biology and Habitat	NPS	2010
				Willow Grove Prong--from the start of the third order stream to the confluence with Cow Marsh Creek	1	1.24 miles	Biology and Habitat	NPS	2010
				Tributary of Cow Marsh Creek--first eastern tributary upstream of Cow Marsh Creek	1	1.32 miles	Biology	NPS	2010
				Cow Marsh Ditch--from start of third order stream to the confluence with Cow Marsh Creek	1	1.44 miles	Habitat	NPS	2010
				Cow Marsh Ditch--from the confluence of the headwaters to the confluence with the next larger stream order	1	1.49 miles	Habitat	NPS	2010
				Bullock Prong--mainstem to the confluence with Price Prong	1	3.12 miles	Habitat	NPS	2010
				Third tributary upstream of Cow Marsh Ditch--from the headwaters to the confluence with Cow Marsh Ditch	1	1.86 miles	Habitat	NPS	2010
				Iron Mine Prong--from the confluence of Black Swamp to the next larger stream order	1	2.02 miles	Habitat	NPS	2010
				Meredith Branch--from the start of the third stream order to the confluence with the next larger stream order	1	2.08 miles	Biology and Habitat	NPS	2010
				White Marsh Branch--from the start of the third order stream to the confluence with Gravelly Branch and Sangston Prong	1	2.92 miles	Biology	NPS	2010

HUC (RF3)	WATERSHED NAME	WATERBODY ID (TOTAL SIZE)	SEGMENT	DESCRIPTION	CATEGORY	SIZE AFFECTED	POLLUTANT(S) AND / OR STRESSOR(S)	PROBABLE SOURCE(S)	TARGET DATE FOR TMDL
				Cow Marsh Creek--from the confluence of Iron Mine Prong to the confluence with Choptank River	1	4.97 miles	Habitat	NPS	2010
2060002	Choptank	DE110-L01 (60.0 acres)	Mud Mill Pond	Pond south of Marydel	1	60.0 acres	Bacteria, DO, and Nutrients	NPS	2005
2060008	Marshyhope Creek	DE200-001 (20.3 miles)	Marshyhope Creek	From the headwaters to the State Line	1	19.7 miles	Bacteria, DO, and Nutrients	NPS	2005
				Tributary to Black Arm Prong--third tributary upstream of Black Arm Prong	1	0.56 miles	Habitat	NPS	2010
				Marshyhope Creek--from the confluence of Prospect Branch to the confluence with the MD-DE line	1	8.78 miles	Habitat	NPS	2010
				From the confluence of Black Prong and Marshyhope Ditch to the confluence of Prospect Branch	1	4.50 miles	Biology and Habitat	NPS	2010
2060008	Marshyhope Creek	DE200-002 (145.3 miles)	Tributaries from the headwaters to the State line	First tributary upstream of Prong No. 2--from the eastern headwater to its confluence	1	0.55 miles	Habitat	NPS	2010
				Point Branch--from the headwaters to the confluence with the first tributary downstream	1	0.80 miles	Habitat	NPS	2010
				Tributary of Tomahawk Branch--third eastern tributary downstream of the headwaters	1	1.54 miles	Habitat	NPS	2010
				Tributary of Tomahawk Branch--first eastern tributary upstream	1	0.69 miles	Habitat	NPS	2010
				Tributary of Saulsbury Creek--from the MD-DE line to the confluence with Saulsbury Creek	1	0.82 miles	Biology and Habitat	NPS	2010
				Saulsbury Creek--from the start of the third order stream to the confluence with Cattail Branch (upper half)	1	0.60 miles	Biology and Habitat	NPS	2010

HUC (RF3)	WATERSHED NAME	WATERBODY ID (TOTAL SIZE)	SEGMENT	DESCRIPTION	CATEGORY	SIZE AFFECTED	POLLUTANT(S) AND / OR STRESSOR(S)	PROBABLE SOURCE(S)	TARGET DATE FOR TMDL
				Saulsbury Creek--from the start of the third order stream to the confluence with Cattail Branch (lower half)	1	0.60 miles	Habitat	NPS	2010
				Prospect Branch--western tributary of the headwaters to its confluence	1	1.25 miles	Habitat	NPS	2010
				Prong No. 2--from the start of the third order stream to the confluence with Bright-Haines Glade Branch	1	1.50 miles	Biology and Habitat	NPS	2010
				From the confluence of the headwaters of Green Branch to the confluence with Marshyhope Creek	1	3.51 miles	Biology and Habitat	NPS	2010
				Tributary of Saulsbury Creek--from the MD-DE line to the confluence with Saulsbury Creek	1	1.21 miles	Biology and Habitat	NPS	2010
				Short and Hall Ditch--from the confluence of the headwaters of with Marshyhope Creek	1	1.45 miles	Habitat	NPS	2010
				Brights Branch--from the start of the third order stream to the MD-DE line	1	1.78 miles	Habitat	NPS	2010
				Bright-Haines Glade Branch--from the start of the fourth order stream and Prospect Branch to the confluence with Marshyhope Creek	1	1.30 miles	DO, Temperature, and Habitat	NPS	2005 (for DO and Temperature)
									2010 (for Habitat)
				Cattail Branch--from the start of the fourth order stream to the confluence with Saulsbury Creek (upper half)	1	2.17 miles	Biology and Habitat	NPS	2010
				Cattail Branch--from the start of the fourth order stream to the confluence with Saulsbury Creek (lower half)	1	2.17 miles	DO, Temperature, and Habitat	NPS	2005 (for DO and Temperature)
									2010 (for Habitat)
				Tributary to Black Arm Prong--second tributary after the headwaters	1	0.52 miles	Habitat	NPS	2010

HUC (RF3)	WATERSHED NAME	WATERBODY ID (TOTAL SIZE)	SEGMENT	DESCRIPTION	CATEGORY	SIZE AFFECTED	POLLUTANT(S) AND / OR STRESSOR(S)	PROBABLE SOURCE(S)	TARGET DATE FOR TMDL
				Eastern tributary of the headwaters of Cattail Branch to its confluence	1	0.87 miles	Habitat	NPS	2010
				From the confluence of the headwaters of Green Branch to the confluence Marshyhope Creek	1	2.34 miles	Biology and Habitat	NPS	2010
				Tributary to Cattail Branch--fourth western tributary downstream of the headwaters of Cattail Branch	1	1.08 miles	Biology and Habitat	NPS	2010
				Tributary of Prong No. 2--from the start of the third order stream to the confluence with Bright-Haines Glade Branch	1	1.50 miles	Habitat	NPS	2010
				Tributary to Cattail Branch--third western tributary upstream of Saulsbury Creek	1	1.06 miles	Habitat	NPS	2010
				Tributary to Tomahawk Branch--first western tributary after the headwaters	1	0.95 miles	Habitat	NPS	2010

HUC (RF3)	WATERSHED NAME	WATERBODY ID (TOTAL SIZE)	SEGMENT	DESCRIPTION	CATEGORY	SIZE AFFECTED	POLLUTANT(S) AND / OR STRESSOR(S)	PROBABLE SOURCE(S)	TARGET DATE FOR TMDL
2060008	Nanticoke River	DE240-001 (69.4 miles)	Lower Nanticoke River	From the head of tide in Middleford to the MD-DE State line	1	15.1 miles	Bacteria, Nutrients, and DO	PS, NPS	12/15/98 (for Nutrients and DO)
									2005 (for Bacteria)
2060008	Nanticoke River	DE240-002 (62.3 miles)	Upper Nanticoke River	From the headwaters of the Nanticoke River to the head of tide at Middleford	1	18.6 miles	Bacteria, Nutrients, and DO	PS, NPS	12/15/98 (for Nutrients and DO)
									2005 (for Bacteria)
				Tributary of White Marsh Branch--first western tributary downstream of the headwaters of White Marsh Branch	1	0.49 miles	Habitat	NPS	2010
				Kent-Sussex Line Branch--from the start of the third order stream to the confluence with Nanticoke River (lower half)	1	1.33 miles	Habitat	NPS	2010
				Kent-Sussex Line Branch--from the start of the third order stream to the confluence with Nanticoke River (upper half)	1	1.33 miles	Biology and Habitat	NPS	2010
				Nanticoke Branch--from the confluence of Polk Branch to the confluence with Gum Branch	1	2.48 miles	Habitat	NPS	2010
				Grubby Neck Branch--from the confluence of Polk Branch to the confluence with Gum Branch	1	1.24 miles	Habitat	NPS	2010
				Nanticoke Branch--from the confluence of Kent-Sussex Line Branch to the confluence with Cart Branch	1	5.23 miles	Habitat	NPS	2010
				Nanticoke River--from the start of the third order stream to the confluence with Kent-Sussex Line Branch.	1	3.13 miles	Biology and Habitat	NPS	2010
				Tributary to Marsh Branch--first eastern tributary after the headwaters to its confluence	1	0.83 miles	Habitat	NPS	2010

HUC (RF3)	WATERSHED NAME	WATERBODY ID (TOTAL SIZE)	SEGMENT	DESCRIPTION	CATEGORY	SIZE AFFECTED	POLLUTANT(S) AND / OR STRESSOR(S)	PROBABLE SOURCE(S)	TARGET DATE FOR TMDL
2060008	Nanticoke River	DE240-003 (22.9 miles)	Clear Brook Branch	From the headwaters of Clear Brook, Friedel Prong, and Bucks Branch to the confluence with Williams Pond	1	12.9 miles	Bacteria, Nutrients, and DO	NPS	2000 (for Nutrients and DO)
									2005 (for Bacteria)
2060008	Nanticoke River	DE240-004 (99.2 miles)	Deep Creek Branch	From the headwaters above Concord Pond to the confluence with the Nanticoke River, excluding Concord Pond	1	5.5 miles	Bacteria and Nutrients	NPS	2000 (for Nutrients)
				McColleys Branch--from the confluence of New Ditch to the confluence with Deep Creek	1	3.24 miles	Habitat	NPS	2005 (for Bacteria)
				Deep Creek--from the start of the third order stream to the confluence with Deep Creek and McColleys Branch	1	2.51 miles	Habitat	NPS	2010
				Tyndall Branch--from the start of the third order stream on Stoney Creek to the confluence of Tyndall Branch and Deep Creek	1	5.00 miles	Habitat	NPS	2010
2060008	Nanticoke River	DE240-005 (61.2 miles)	Gravelly Branch	From the headwaters of Gravelly Branch above Collins Pond to the confluence with the Nanticoke River, excluding Collins Pond	1	6.5 miles	Bacteria and Nutrients	NPS	2000 (for Nutrients)
				Gravelly Branch--from the start of the third order stream to the confluence with the next larger stream order	1	2.12 miles	Habitat	NPS	2005 (for Bacteria)
				Prong No. 1--from the start of fourth order stream to the confluence with Gravelly Branch on Nanticoke River	1	0.73 miles	Habitat	NPS	2010
				Maple Branch-- from the start of the third order stream to the confluence with Prong No. 1	1	1.0 mile	Habitat	NPS	2010
2060008	Nanticoke River	DE240-006 (9.6 miles)	Bridgeville Branch	From the headwaters of Bridgeville Branch to the confluence with Nanticoke River	1	7.2 miles	Bacteria, Nutrients, and DO	NPS	2000 (for Nutrients and DO)

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									2005 (for Bacteria)
				Bridgeville Branch---from the start of the third order stream to the confluence with Nanticoke River	1	3.92 miles	Habitat	NPS	2010
2060008	Nanticoke River	DE240-007 (12.1 miles)	Gum Branch	From the headwaters located northeast of Woodland Ferry to the confluence with Nanticoke River	1	6.0 miles	Bacteria and Nutrients	NPS	2000 (for Nutrients)
									2005 (for Bacteria)
				Gum Branch.--from the start of the third order stream to the confluence with Nanticoke River	1	2.37 miles	Habitat	NPS	2010
2060008	Nanticoke River	DE240-008 (25.8 miles)	Lewes Creek	Lewes Creek, including Butler Mill Branch and Chapel Branch	1	10.3 miles	Bacteria and Nutrients	NPS	2000 (for Nutrients)
									2005 (for Bacteria)
2060008	Nanticoke River	DE240-009 (1.0 miles)	DuPont Gut	Below Seaford from the DuPont Plant discharge to the confluence with the Nanticoke River	1	1.0 mile	Temperature	PS	2000
2060008	Nanticoke River	DE240-010 (46.7 miles)	Gum Branch on Upper Nanticoke River	Gum Branch--from the confluence of Stallion Head Branch to the confluence with West Branch Gum Branch	1	3.51 miles	Habitat	NPS	2010
				Toms Dam Branch--from the start of the third order stream to the confluence with Gum Branch	1	5.23 miles	Habitat	NPS	2010
2060008	Nanticoke River	DE240-L01 (11.9 acres)	Craigs Pond	Pond southwest of Seaford and below Butler Mill Branch	1	11.9 acres	Bacteria and Nutrients	NPS	2000 (for Nutrients)
									2005 (for Bacteria)
2060008	Nanticoke River	DE240-L02 (87.4 acres)	Concord Pond	Pond east of Seaford on Deep Creek Branch	1	87.4 acres	Nutrients	NPS	2000
2060008	Nanticoke River	DE240-L03 (90.0 acres)	Collins Pond	Pond northeast of Seaford on Gravelly Branch	4	N/A	N/A	N/A	N/A

HUC (RF3)	WATERSHED NAME	WATERBODY ID (TOTAL SIZE)	SEGMENT	DESCRIPTION	CATEGORY	SIZE AFFECTED	POLLUTANT(S) AND / OR STRESSOR(S)	PROBABLE SOURCE(S)	TARGET DATE FOR TMDL
2060008	Nanticoke River	DE240-L04 (100.0 acres)	Williams Pond	Pond located in Seaford and below Middleford	1	100.0 acres	Nutrients	NPS	2000
2060008	Nanticoke River	DE240-L05 (67.0 acres)	Hearns Pond	Pond located north of Seaford on Clear Brook Branch	1	67.0 acres	Bacteria and Nutrients	NPS	2000 (for Nutrients)
									2005 (for Bacteria)
2060008	Broad Creek	DE050-001 (39.2 miles)	Lower Broad Creek	Lower Broad Creek, including Collins and Culvert Ditch, Holly Ditch, and Rossakatum and Cooper Branches	1	24.8 miles	Bacteria and Nutrients	PS, NPS	12/15/98 (for Nutrients)
									2005 (for Bacteria)
				Cooper Branch--from the start of the third order stream on Rossakatum Branch to the confluence of Broad Creek	1	2.73 miles	Habitat	NPS	2010
2060008	Broad Creek	DE050-002 (13.0 miles)	Tussocky Branch	Tributary west of Laurel, excluding Portsville and Tussock Ponds	1	7.9 miles	Bacteria and Nutrients	NPS	2000 (for Nutrients)
									2005 (for Bacteria)
				Tussocky Branch--from the confluence of Mill Creek to the confluence with Broad Creek	1	3.42 miles	Habitat	NPS	2010
2060008	Broad Creek	DE050-003 (20.1 miles)	Little Creek	Tributary south of Laurel, excluding Horsey's Pond	1	2.4 miles	Bacteria	NPS	2005
2060008	Broad Creek	DE050-004 (21.7 miles)	Chipman Pond Branch	Tributary northeast of Laurel, excluding Chipman Pond	1	6.7 miles	Bacteria and Nutrients	NPS	2000 (for Nutrients)
									2005 (for Bacteria)
				Jobs Ditch--from the headwaters to the confluence with Dukes and Jobs Branch	1	0.98 miles	Habitat	NPS	2010
				Mirey Branch--from the start of the third order stream to the confluence with Elliott Pond Branch	1	1.28 miles	Habitat	NPS	2010
				Dukes Ditch--from the headwaters to the confluence with Dukes and Jobs Branch	1	2.45 miles	Habitat	NPS	2010

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2060008	Broad Creek	DE050-005-01 (31.7 miles)	James Branch	James Branch, including Pepper Pond Branch, Hitch Pond Branch, and Grays Branch	1	11.1 miles	Bacteria and Nutrients	NPS	2000 (for Nutrients)
									2005 (for Bacteria)
2060008	Broad Creek	DE050-005-02 (18.8 miles)	Trussum Pond Branch	From the headwaters to the confluence with James Branch, excluding Trussum Pond	1	3.5 miles	Bacteria	NPS	2005
				Wards Branch--from the confluence of the headwaters to the confluence with James Branch	1	3.18 miles	DO	NPS	2000
2060008	Broad Creek	DE050-006-01 (21.5 miles)	Trap Pond Branch	From the headwaters of Trap Pond including Saunders and Thompson Branches	1	2.9 miles	Bacteria and Nutrients	NPS	2000 (for Nutrients)
									2005 (for Bacteria)
2060008	Broad Creek	DE050-L01 (14.5 acres)	Portsville Pond	Pond west of Laurel on Tussocky Branch	1	14.5 acres	Bacteria and Nutrients	NPS	2000 (for Nutrients)
									2005 (for Bacteria)
2060008	Broad Creek	DE050-L02 (8.6 miles)	Tussock Pond	Pond southwest of Laurel on Tussock Branch	4	N/A	N/A	N/A	N/A
2060008	Broad Creek	DE050-L03 (46.3 miles)	Horseys Pond	Pond south of Laurel on Little Creek tributary	1	46.3 acres	Bacteria and Nutrients	NPS	2000 (for Nutrients)
									2005 (for Bacteria)
2060008	Broad Creek	DE050-L04 (91.9 acres)	Records Pond	Pond adjacent to Laurel	1	91.9 acres	Bacteria, Nutrients, and DO	PS, NPS	2000 (for Nutrients and DO)
									2005 (for Bacteria)
2060008	Broad Creek	DE050-L05 (47.0 acres)	Chipman Pond	Pond located north of Laurel on Chipman Branch	1	47.0 acres	Nutrients	NPS	2000
2060008	Broad Creek	DE050-L06 (58.7 acres)	Trussum Pond	Pond southeast of Laurel on James Branch	1	58.7 acres	Bacteria and DO	NPS	2000 (for DO)

HUC (RF3)	WATERSHED NAME	WATERBODY ID (TOTAL SIZE)	SEGMENT	DESCRIPTION	CATEGORY	SIZE AFFECTED	POLLUTANT(S) AND / OR STRESSOR(S)	PROBABLE SOURCE(S)	TARGET DATE FOR TMDL
									2005 (for Bacteria)
2060008	Broad Creek	DE050-L07 (88.0 acres)	Trap Pond	Pond east of Laurel on Hitch Pond Branch	1	88.0 acres	Bacteria and Nutrients	NPS	2000 (for Nutrients)
									2005 (for Bacteria)
2060008	Broad Creek	DE050-L08 (13.5 acres)	Raccoon Pond	Pond east of Laurel on Hitch Pond Branch	1	13.5 acres	Bacteria and Nutrients	NPS	2000 (for Nutrients)
									2005 (for Bacteria)
2060009	Pocomoke River	DE250-001 (11.8 miles)	Pocomoke River	Pocomoke River, from headwaters to the MD-DE State line	1	11.8 miles	Bacteria, DO, and Nutrients	NPS	2005
				Pocomoke River--from the confluence of Bald Cypress Branch and Gum Branch to the MD-DE line	1	0.99 miles	Habitat	NPS	2010
				Pocomoke River--from start of the third order stream to the confluence with Bald Cypress Branch and Gum Branch	1	4.55 miles	Habitat	NPS	2010

HUC (RF3)	WATERSHED NAME	WATERBODY ID (TOTAL SIZE)	SEGMENT	DESCRIPTION	CATEGORY	SIZE AFFECTED	POLLUTANT(S) AND / OR STRESSOR(S)	PROBABLE SOURCE(S)	TARGET DATE FOR TMDL
2060009	Pocomoke River	DE250-002 (41.7 miles)	Tributaries from the headwaters to MD-DE State line	Bald Cypress Branch--from the confluence of the headwaters to the confluence with the next larger stream order	1	3.5 miles	Habitat	NPS	2010

HUC (RF3)	WATERSHED NAME	WATERBODY ID (TOTAL SIZE)	SEGMENT	DESCRIPTION	CATEGORY	SIZE AFFECTED	POLLUTANT(S) AND / OR STRESSOR(S)	PROBABLE SOURCE(S)	TARGET DATE FOR TMDL
INLAND BAYS/ATLANTIC OCEAN BASIN									
2040207 and 2060010	Lewes and Rehoboth Canal	DE170-001 (14.1 miles)	Lewes and Rehoboth Canal	Tidal waters from the confluence of Delaware Bay to the confluence with Rehoboth Bay	1	8.9 miles	Bacteria, Nutrients, and DO	PS, NPS	2001 (for Nutrients and DO)
									2006 (for Bacteria)
2060010	Rehoboth Bay	DE280-001-01 (29.8 miles)	Chapel Branch	From the headwaters of Chapel Branch to the confluence of Herring Creek, including Hopkins Prong, Unity Branch, Phillips Branch, and Guinea Creek	1	27.0 miles	Bacteria, Nutrients, and DO	NPS	2001 (for Nutrients and DO)
				Chapel Branch--from the start of the second order stream to the confluence with Herring Creek	1	3.75 miles	Habitat	NPS	2006 (for Bacteria)
2060010	Rehoboth Bay	DE280-002 (21.5 miles)	Love Creek, including tributaries	Love Creek, Bundicks Branch and Goslee Creek to the confluence with Rehoboth Bay	1	4.2 miles	Bacteria, Nutrients, and DO	NPS	2001 (for Nutrients and DO)
									2006 (for Bacteria)
2060010	Rehoboth Bay	DE280-E01 (12.0 miles)	Rehoboth Bay	Near coastal waters extending north from the confluence with Indian River Bay at Burton Island	1	12.0 sq. mi.	Nutrients and DO	PS, NPS	12/15/98 (for Nutrients and DO)
2060010	Rehoboth Bay	DE280-L01 (33.0 acres)	Burton Pond	Pond northeast of Millsboro	1	33.0 acres	Nutrients	NPS	2001
2060010	Indian River	DE140-001 (11.2 miles)	White Creek	Saline tidal waters extending from the north end of Assawoman Canal to the Indian River Bay	1	4.9 miles	Bacteria, Nutrients, and DO	NPS	2001 (for Nutrients and DO)
									2006 (for Bacteria)
2060010	Indian River	DE140-002 (13.8 miles)	Blackwater Creek	Saline tidal waters from the headwaters to the confluence with Indian River Bay	1	7.2 miles	Bacteria	NPS	2006
2060010	Indian River	DE140-003 (53.7 miles)	Pepper Creek, including tributaries	Pepper Creek including Vines Creek, McCrays Branch, and Deep Hole Branch	1	24.8 miles	Bacteria, Nutrients, and DO	NPS	2001 (for Nutrients and DO)

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									2006 (for Bacteria)
2060010	Indian River	DE140-004 (9.4 miles)	Indian River	Saline tidal portion of river from Millsboro Pond to Power Plant intake	1	4.6 miles	Bacteria, Nutrients, Temperature, and SS	PS, NPS	12/15/98 (for Nutrients)
									2001 (for SS)
									2006 (for Bacteria and Temperature)
2060010	Indian River	DE140-005 (8.6 miles)	Swan Creek	Freshwater tidal river from the headwaters of Swan Creek to the confluence with Indian River	1	8.6 miles	Bacteria, Nutrients, and Temperature	PS, NPS	2001 (for Nutrients)
									2006 (for Bacteria and Temperature)
2060010	Indian River	DE140-006 (12.1 miles)	Stockley Branch	From the confluence of Alms House Ditch with Stockley Branch to the confluence with Millsboro Pond	1	8.23 miles	Bacteria and Nutrients	PS, NPS	2001 (for Nutrients)
									2006 (for Bacteria)
2060010	Indian River	DE140-007 (13.6 miles)	Eli Walls Tax Ditch	From the headwaters of McGee Ditch, Eli Walls Tax Ditch, and Gills Branch to the confluence with Morris Millpond	1	13.6 miles	Bacteria and Nutrients	PS, NPS	2001 (for Nutrients)
									2006 (for Bacteria)
2060010	Indian River	DE140-008 (16.9 miles)	Deep Branch, including tributary	Deep Branch, including Peterkins Branch, White Oak Swamp Ditch, Sockorockets Ditch, Welsh Branch, and Simpler Branch	1	16.9 miles	Bacteria, Nutrients, and DO	PS, NPS	2001 (for Nutrients and DO)
									2006 (for Bacteria)
2060010	Indian River	DE140-009 (23.5 miles)	Mirey Branch, including tributaries	Mirey Branch, including Sheep Pen Ditch, and Narrow Drain	1	23.5 miles	Bacteria	NPS	2006
				Mirey Branch-- from the confluence of the headwaters to the confluence with Sheep Pen Ditch	1	5.40 miles	Habitat	NPS	2011

HUC (RF3)	WATERSHED NAME	WATERBODY ID (TOTAL SIZE)	SEGMENT	DESCRIPTION	CATEGORY	SIZE AFFECTED	POLLUTANT(S) AND / OR STRESSOR(S)	PROBABLE SOURCE(S)	TARGET DATE FOR TMDL
2060010	Indian River	DE140-010 (23.8 miles)	Betts Pond Branch	From the headwaters of the tributaries of Ingrams Pond and Betts Pond to the confluence with Millsboro Pond, excluding Betts and Millsboro Pond	1	17.5 miles	Bacteria	NPS	2006
2060010	Indian River	DE140-E01 (13.0 sq. mi.)	Lower Indian River Bay	From inlet to Pepper Creek	1	13.0 sq. mi.	Bacteria, Nutrients, and DO	PS, NPS	12/15/98 (for Nutrients and DO)
									2006 (for Bacteria)
2060010	Indian River	DE140-E02 (0.95 sq. mi.)	Upper Indian River Bay	Upper portion of estuary from power plant cooling water intake to Pepper Creek, including Island Creek	1	0.95 sq. mi.	Bacteria, Nutrients, and Temperature	NPS	12/15/98 (for Nutrients)
									2006 (for Bacteria and Temperature)
2060010	Indian River	DE140-L01 (126.0 acres)	Millsboro Pond	Pond north of Millsboro	1	126.0 acres	Bacteria, DO and Nutrients	PS, NPS	2001 (for Nutrients and DO)
									2006 (for Bacteria)
2060010	Indian River	DE140-L02 (80.0 acres)	Betts Pond	Pond northwest of Millsboro	1	80.0 acres	Bacteria and Nutrients	NPS	2001 (for Nutrients)
									2006 (for Bacteria)
2060010	Indian River	DE140-L03 (48.0 acres)	Ingrams Pond	Pond west of Millsboro	1	48.0 acres	Bacteria and Nutrients	NPS	2001 (for Nutrients)
									2006 (for Bacteria)
2060010	Indian River	DE140-L04 (44.0 acres)	Morris Mill Pond	Pond between Millsboro and Georgetown	1	44.0 acres	Bacteria	PS, NPS	2006
2060010	Iron Branch	DE150-001 (30.2 miles)	Iron Branch	From the headwaters of Iron Branch and Whartons Branch to the confluence with Indian River	1	13.1 miles	Bacteria, Nutrients, DO	NPS	2001 (for Nutrients and DO)
									2006 (for Bacteria)

HUC (RF3)	WATERSHED NAME	WATERBODY ID (TOTAL SIZE)	SEGMENT	DESCRIPTION	CATEGORY	SIZE AFFECTED	POLLUTANT(S) AND / OR STRESSOR(S)	PROBABLE SOURCE(S)	TARGET DATE FOR TMDL
				Whartons Ditch--from the start of the third order stream to the confluence with Whartons Branch	1	3.55 miles	Habitat, DO and Temperature	NPS	2001 (for DO)
									2006 (for Temperature)
									2011 (for Habitat)
2060010	Buntings Branch	DE070-001 (11.1 miles)	Buntings Branch	From the headwaters to the MD-DE State line	1	4.6 miles	Nutrients and DO	PS, NPS	2001
2060010	Assawoman Bay	DE350-E01 (0.59 sq. mi.)	Assawoman Bay	Portion of the estuary up to the MD-DE State line	1	0.59 sq. mi.	Bacteria	NPS	2006
2060010	Little Assawoman	DE180-001 (9.3 miles)	Little Assawoman Canal	Saline tidal waters from the confluence with White Creek to the confluence with little Assawoman Bay	1	3.1 miles	Bacteria, Nutrients, and DO	NPS	2001 (for Nutrients and DO)
									2006 (for Bacteria)
2060010	Little Assawoman	DE180-002 (14.8 miles)	Miller Creek	From the headwaters of Miller Creek to the confluence with Little Assawoman bay	1	6.5 miles	Bacteria, Nutrients, and DO	NPS	2001 (for Nutrients and DO)
									2006 (for Bacteria)
				Beaver Dam Ditch--from the confluence of Blackwater Creek to the confluence with the next larger stream order	1	2.31 miles	Habitat	NPS	2011
2060010	Little Assawoman	DE180-003 (31.0 miles)	Dirickson Creek	From the headwaters of Dirickson Creek to the confluence with Little Assawoman bay	1	13.3 miles	Bacteria and Nutrients	NPS	2001 (for Nutrients)
									2006 (for Bacteria)
				Bearhole Ditch--from the confluence. of the headwaters to the confluence with Batson Branch	1	2.39 miles	Habitat	NPS	2011
				Agricultural Ditch--from the confluence of the headwaters to the confluence with Dirickson Creek	1	2.97 miles	Habitat	NPS	2011

HUC (RF3)	WATERSHED NAME	WATERBODY ID (TOTAL SIZE)	SEGMENT	DESCRIPTION	CATEGORY	SIZE AFFECTED	POLLUTANT(S) AND / OR STRESSOR(S)	PROBABLE SOURCE(S)	TARGET DATE FOR TMDL
2060010	Little Assawoman	DE180-004 (5.2 miles)	Jefferson Creek	Jefferson Creek, including surrounding dead end lagoons	4	N/A	N/A	N/A	N/A
2060010	Little Assawoman	DE180-E01 (3.0 sq. mi.)	Little Assawoman Bay	Estuary from the confluence with Assawoman Canal to the confluence with Assawoman Bay	1	3.0 sq. mi.	Bacteria, DO and Nutrients	NPS	2001 (for Nutrients and DO)
									2006 (for Bacteria)

HUC (RF3)	WATERSHED NAME	WATERBODY ID (TOTAL SIZE)	SEGMENT	DESCRIPTION	CATEGORY	SIZE AFFECTED	POLLUTANT(S) AND / OR STRESSOR(S)	PROBABLE SOURCE(S)	TARGET DATE FOR TMDL
DELAWARE BAY BASIN									
2040205	Delaware River	NA (59.0 sq. mi.)	DRBC Zone 5	From the coast line of Naamans Creek down to the coastline of the Appoquinimink River	1	59.0 sq. mi.	PCBs, Chronic Toxicity, and Bacteria	PS, NPS	2006 (for Bacteria)
									2012 (for PCBs and Chronic Toxicity)
2040205	Army Creek	DE020-001 (6.8 miles)	Lower Army Creek	Segment from Route 13 to mouth at Delaware River tidal freshwater segment	1	3.0 miles	Nutrients and DO	NPS	2006 (for Nutrients and DO)
				First tributary on Army Creek after the headwaters	1	0.73 miles	Habitat	NPS	2012
				Segment from Route 13 to the mouth of the Delaware River	1	2.00 miles	Biology and Habitat	NPS	2012
2040205	Army Creek	DE020-002 (1.9 miles)	Upper Army Creek	Nontidal segment from headwaters to Route 13	1	1.1 miles	Nutrients and DO	NPS	2006 (for Nutrients and DO)
2040205	Army Creek	DE020-003 (6.5 miles)	Tributaries	All other tributaries located in the watershed but NOT on the mainstem	4	N/A	N/A	N/A	N/A
2040205	Red Lion Creek	DE270-001-01 (3.7 miles)	Lower Red Lion	From U.S. Route13 to the mouth at Delaware River	1	1.5 miles	DO, Nutrients, and Chlorinated Benzenes	NPS, SF	2006 (for Nutrients and DO)
				First tributary downstream of Doll Run from the headwaters to the confluence with Red Lion Creek	1	0.91 miles	Biology	NPS	2012 (for Chlorinated Benzenes)
2040205	Red Lion Creek	DE270-001-02 (6.0 miles)	Upper Red Lion	From the headwaters to the location where Route 13 intersects Red Lion Creek	1	1.9 miles	Bacteria and Nutrients	NPS	2006
				First tributary after the headwaters of Red Lion Creek	1	0.28 miles	Biology	NPS	2012
2040205	Red Lion Creek	DE270-001-03 (1.8 miles)	Tributaries	All other tributaries located in the watershed but NOT on the mainstem	4	N/A	N/A	N/A	N/A

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2040205	Dragon Run Creek	DE130-001 (3.2 miles)	Lower Dragon Run Creek	From dam at the water supply pond to the mouth of Delaware River	1	3.2 miles	Nutrients and DO	NPS	2006
2040205	Dragon Run Creek	DE130-002 (45 miles)	Upper Dragon Run Creek	From headwaters to water supply pond	1	4.1 miles	Bacteria, DO, and Nutrients	NPS	2006
				From the confluence of the headwaters to the water supply dam	1	3.42 miles	Biology	NPS	2012
2040205 and 2060002	Chesapeake & Delaware Canal (C & D Canal)	DE090-001 (15.0 miles)	C&D Canal	Canal from MD line to the Delaware River	2	N/A	N/A	N/A	N/A

HUC (RF3)	WATERSHED NAME	WATERBODY ID (TOTAL SIZE)	SEGMENT	DESCRIPTION	CATEGORY	SIZE AFFECTED	POLLUTANT(S) AND / OR STRESSOR(S)	PROBABLE SOURCE(S)	TARGET DATE FOR TMDL
2060002	Chesapeake & Delaware Canal (C & D Canal)	DE090-002 (17.8 miles)	Tributaries of Chesapeake & Delaware Canal	Scott Run-- from the headwaters to the confluence with Chesapeake & Delaware Canal	1	4.81 miles	Biology, Habitat, and DO	NPS	2006 (for DO)
									2012 (for Biology and Habitat)
				Crystal Run--from the headwaters to the confluence with Chesapeake & Delaware Canal	1	1.52 miles	Biology	NPS	2012
				Joy Run--from the headwaters to the confluence with Chesapeake & Delaware Canal	1	1.99 miles	Biology	NPS	2012
				Eastern tributary on Lums Pond--from the headwaters to the confluence with Lums Pond	1	1.04 miles	Biology and Habitat	NPS	2012
2040205	Chesapeake & Delaware Canal (C & D Canal)	DE090-003 (46.2 miles)	Tributaries	All other tributaries located in the watershed but NOT on the mainstem	4	N/A	N/A	N/A	N/A
2040205	Chesapeake & Delaware Canal (C & D Canal)	DE090-L01 (189.3 acres)	Lums Pond	Pond south of Newark	1	189.3 acres	Bacteria	NPS	2006
2040205	Appoquinimink River	DE010-001-01 (7.1 miles)	Lower Appoquinimink River	Saline Tidal Reach, excluding Hangman's Run	1	7.1 miles	Nutrients and DO	PS, NPS	Established (1/30/98)
2040205	Appoquinimink River	DE010-001-02 (6.1 miles)	Upper Appoquinimink River	Freshwater Tidal Reach	1	6.1 miles	Nutrients and DO	PS, NPS	Established (1/30/98)
2040205	Appoquinimink River	DE010-001-03 (19.5 miles)	Drawyer Creek	From the headwaters of Drawyer Creek to the confluence with the Appoquinimink River, including Shallcross Lake	1	8.2 miles	Bacteria, Nutrients, and DO	NPS	2002 (for Nutrients and DO)
									2006 (for Bacteria)
				Tributary of Drawyer Creek--from the confluence of the headwaters to the confluence with the mainstem	1	2.30 miles	Biology and Habitat	NPS	2012
				Western tributary of the headwaters of Drawyer Creek to its confluence	1	2.20 miles	Habitat	NPS	2012

HUC (RF3)	WATERSHED NAME	WATERBODY ID (TOTAL SIZE)	SEGMENT	DESCRIPTION	CATEGORY	SIZE AFFECTED	POLLUTANT(S) AND / OR STRESSOR(S)	PROBABLE SOURCE(S)	TARGET DATE FOR TMDL
2040205	Appoquinimink River	DE010-001-04 (10.3 miles)	Tributaries of Appoquinimink River	All tributaries from the headwaters of Appoquinimink River to the Delaware Bay	4	N/A	N/A	N/A	N/A
2040205	Appoquinimink River	DE010-002-01 (3.4 miles)	Wiggins Mill Pond to the confluence with Silver Lake	From the headwaters of Wiggins Mill Pond to the confluence with Noxontown Pond	1	3.4 miles	Bacteria and DO	NPS	2002 (for DO)
									2006 (for Bacteria)
				From the confluence of the headwaters of Wiggins Mill Pond to the confluence with Noxontown Pond	1	1.62 miles	Biology	NPS	2012
2040205	Appoquinimink River	DE010-002-02 (4.4 miles)	Deep Creek to confluence with Silver Lake	From the headwaters of Deep Creek to confluence with Silver Lake, excluding Silver Lake	1	2.4 miles	DO	NPS	2002
				First western tributary after the headwaters of Silver Lake	1	1.98 miles	Biology	NPS	2012
				Deep Creek.-- from the confluence of the headwaters to Appoquinimink River	1	1.84 miles	Biology	NPS	2012
2040205	Appoquinimink River	DE010-L01 (158.6 acres)	Noxontown Pond	Pond southwest of Odessa	1	158.6 acres	Bacteria and Nutrients	NPS	2002 (for Nutrients)
									2006 (for Bacteria)
2040205	Appoquinimink River	DE010-L02 (38.7 acres)	Silver Lake	Lake adjacent to Middletown, below Deep Creek	1	38.7 acres	Bacteria and Nutrients	NPS	2002 (for Nutrients)
									2006 (for Bacteria)
2040205	Appoquinimink River	DE010-L03 (43.1 acres)	Shallcross Lake	Lake above Drawyer Creek	1	43.1 acres	Bacteria and Nutrients	NPS	2002 (for Nutrients)
									2006 (for Bacteria)
2040205	Blackbird Creek	DE030-001 (13.8 miles)	Lower Blackbird	Tidal segment from Route 13 to mouth of the Delaware River	1	13.8 miles	DO and Nutrients	NPS	2006
2040205	Blackbird Creek	DE030-002 (13.6 miles)	Upper Blackbird	Nontidal segment from headwaters to Route 13	1	13.6 miles	Bacteria, DO, and Nutrients	NPS	2006

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				First eastern tributary after the headwaters to the confluence with Blackbird Creek	1	2.19 miles	Biology	NPS	2012
				Upper Blackbird Creek--from the confluence of the headwaters to the confluence with Barlow Branch	1	2.11 miles	Biology	NPS	2012
				From the confluence of the headwaters to the confluence with Barlow Branch	1	2.27 miles	Biology	NPS	2012
2040205	Blackbird Creek	DE030-003 (9.7 miles)	Tributaries on the mainstem	Sandom Branch to the confluence with Blackbird Creek (upper half)	1	1.16 miles	Biology and Habitat	NPS	2012
				Sandom Branch to the confluence with Blackbird Creek (lower half)	1	1.16 miles	Habitat	NPS	2012
2040207	Smyrna River	DE310-001 (10.2 miles)	Lower Smyrna River	From the head of tide to the Delaware River	1	10.2 miles	DO and Nutrients	NPS	2006
2040207	Smyrna River	DE310-002 (6.3 miles)	Mill Creek	From the headwaters to Lake Como	1	5.2 miles	Bacteria, and Nutrients	NPS	2006
				Providence Creek--from the confluence of the headwaters of Mill Creek to the confluence with Lake Como	1	2.18 miles	Biology and Habitat	NPS	2012
2040207	Smyrna River	DE310-003 (58.0 miles)	Tributary of Smyrna River	Tributaries from the headwaters to the confluence with Delaware Bay	1	4.2 miles	Bacteria and Nutrients	NPS	2006
				From the confluence of the headwaters of Paw Paw Branch to the confluence with Providence Creek	1	2.68 miles	Biology and Habitat	NPS	2012
				First eastern tributary after the headwaters of Paw Paw Branch to the confluence with Smyrna River	1	0.86 miles	Habitat	NPS	2012
				Eastern tributary of the headwaters of Sawmill Branch to its confluence	1	0.67 miles	Biology and Habitat	NPS	2012
				Sawmill Branch--from the confluence of the headwaters to the next larger stream order	1	3.81 miles	Biology	NPS	2012
2040207	Smyrna River	DE310-L01 (82.0 acres)	Lake Como and Duck Creek Pond	Lake Como in Smyrna	1	82.0 acres	Bacteria and Nutrients	NPS	2006

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2040207	Leipsic River	DE160-001 (13.6 miles)	Lower Leipsic River	From dam at Garrisons Lake to mouth at Delaware River	1	13.6 miles	Bacteria, Nutrients, and DO	NPS	2006
2040207	Leipsic River	DE160-002 (24.5 miles)	Upper Leipsic River	From headwaters to Garrisons Lake, excluding Masseys Mill Pond	1	5.8 miles	Bacteria, DO, and Nutrients	NPS	2006
				From the start of the third order stream on Pinks Branch to the confluence with Garrison Lake	1	2.70 miles	Biology and DO	NPS	2006 (for DO)
				Tributary of Leipsic River--from the confluence of the headwaters to the confluence with Leipsic River	1	0.93 miles	Biology	NPS	2012 (for Biology)
									2012
2040207	Leipsic River	DE160-003 (37.2 miles)	Tributary from the dam at Garrisons Lake to mouth at Delaware Bay	From the confluence of the headwaters of Alston Branch to the confluence Leipsic River	1	2.16 miles	Biology	NPS	2012
				Tributary of Leipsic River--eastern tributary of the headwaters to its confluence	1	0.91 miles	Habitat	NPS	2012
2040207	Leipsic River	DE160-004 (35.4 miles)	Tributaries of Leipsic River	Tributaries from the headwaters to Garrisons Lake	4	N/A	N/A	N/A	N/A
2040207	Leipsic River	DE160-L01 (85.9 acres)	Garrisons Lake	Lake south of Smyrna	1	85.9 acres	Bacteria and Nutrients	NPS	2006
2040207	Leipsic River	DE160-L02 (30.0 acres)	Masseys Mill Pond	Pond south of Clayton	1	30.0 acres	Bacteria, DO, and Nutrients	NPS	2006
2040207	Little River	DE190-001-01 (2.9 miles)	Lower Little River	From the confluence of Upper Little River and Pipe Elm Branch with the Lower Little River to the mouth at Delaware Bay	1	2.9 miles	DO and Nutrients	NPS	2006
2040207	Little River	DE190-001-02 (10.2 miles)	Upper Little River	From the headwaters to the confluence with Lower Little River	1	5.5 miles	Bacteria, DO, and Nutrients	NPS	2006
				Morgan Branch--from the confluence of the headwaters to the confluence with the next larger stream order	1	0.60 miles	Habitat	NPS	2012
				Start of the third order stream near the headwaters of Little River to the confluence with Morgan Branch	1	4.14 miles	Biology and Habitat	NPS	2012

HUC (RF3)	WATERSHED NAME	WATERBODY ID (TOTAL SIZE)	SEGMENT	DESCRIPTION	CATEGORY	SIZE AFFECTED	POLLUTANT(S) AND / OR STRESSOR(S)	PROBABLE SOURCE(S)	TARGET DATE FOR TMDL
2040207	Little River	DE190-001-03 (2.1 miles)	Pipe Elm Branch	From the headwaters to the confluence with Little River	1	2.1 miles	Bacteria, DO, and Nutrients	NPS	2006
2040207	Little River	DE190-001-04 (6.1 miles)	Tributaries	All other tributaries located in the watershed but NOT on the mainstem	4	N/A	N/A	N/A	N/A
4040207	Saint Jones River	DE290-001-01 (12.9 miles)	Lower Saint Jones	From Old Lebanon Bridge to the mouth of Delaware Bay	1	8.3 miles	DO, Nutrients, and PCBs	NPS	2006 (for DO and Nutrients)
									2012 (for PCBs)
2040207	Saint Jones River	DE290-001-02 (11.2 miles)	Upper Saint Jones	From the dam at Silver Lake to Old Lebanon Bridge at Road 357	1	6.7 miles	Bacteria, DO, Nutrients, and PCBs	NPS	2006 (for Bacteria, DO and Nutrients)
				Tributary of Silver Lake in Dover	1	0.32 miles	Habitat	NPS	2012
				Puncheon Branch--from the confluence of the headwaters to the confluence with the Saint Jones River	1	1.84 miles	Biology and Habitat	NPS	2012
2040207	Saint Jones River	DE290-001-03 (13.6 miles)	Tributaries of Saint Jones River	Tributaries from Old Lebanon Bridge to the mouth of Delaware Bay	4	N/A	N/A	N/A	N/A
2040207	Saint Jones River	DE290-002 (17.0 miles)	Isaac Branch	From the headwaters to the confluence with Saint Jones River, excluding Moores Lake	1	9.1 miles	Bacteria, DO, and Nutrients	NPS	2006
				From the confluence of Allabands Mill Stream to the confluence with Saint Jones River	1	3.62 miles	Biology	NPS	2012
				From the confluence of the headwaters of Almhouse Branch to the confluence of Isaac Branch	1	2.50 miles	Biology	NPS	2012
				Second tributary upstream of Wyoming Lake on Isaac Branch	1	1.28 miles	Habitat	NPS	2012
2040207	Saint Jones River	DE290-003 (39.5 miles)	Fork Branch	From the headwaters to Silver Lake in Dover	1	7.7 miles	Bacteria, DO, and Nutrients	NPS	2006

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				Cahoon Branch--from the confluence of the headwaters to the confluence with the next larger stream order	1	2.33 miles	Habitat	NPS	2012
				Maidstone Branch- from the confluence of the third order stream to the confluence with Cahoon Branch	1	3.09 miles	Biology	NPS	2012
				Tributary to Maidstone Branch---from the confluence of the headwaters to the confluence with Maidstone Branch	1	0.13 miles	Habitat	NPS	2012
				Fork Branch--from the start of the third order stream to the confluence with Silver Lake in Dover	1	6.24 miles	Habitat and DO	NPS	2006 (for DO)
									2012 (for Habitat)
				From the start of the third order stream on Cahoon Branch to the confluence with Maidstone Branch	1	1.28 miles	Biology	NPS	2012
2040207	Saint Jones River	DE290-004 (11.5 miles)	Tidbury Branch	From below Derby Pond to the confluence with the Saint Jones River	1	3.8 miles	Bacteria and Nutrients	NPS	2006
				From the confluence of the headwaters of Tidbury Creek to the confluence with Derby Pond	1	1.08 miles	Biology and Habitat	NPS	2012
				Tributary of Tidbury Creek--from the headwaters to the confluence with Tidbury Creek	1	0.75 miles	Habitat	NPS	2012
				Red House Branch--from the confluence of the headwaters to the confluence with Derby Pond	1	0.71 miles	Biology	NPS	2012
				Tidbury Creek--from the confluence with Derby Pond to the confluence with Lower Saint Jones River	1	4.53 miles	Biology	NPS	2012
2040207	Saint Jones River	DE290-L01 (27.1 acres)	Moores Lake	Lake east of Camden	1	27.1 acres	Bacteria, DO, Nutrients, and PCBs	NPS	2006 (for Bacteria, DO, and Nutrients)
									2012 (for PCBs)

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2040207	Saint Jones River	DE290-L02 (157.8 acres)	Silver Lake	Silver Lake at Dover	1	157.8 acres	Bacteria, Nutrients, and PCBs	NPS	2006 (for Bacteria and Nutrients)
									2012 (for PCBs)
2040207	Saint Jones River	DE290-L03 (23.1 acres)	Derby Pond	Pond south of Wyoming	1	23.1 acres	Bacteria and Nutrients	NPS	2006
2040207	Murderkill River	DE220-001 (27.5 miles)	Lower Murderkill	From the confluence with Spring Creek to the mouth at Delaware Bay	1	7.6 miles	Nutrients and DO	PS, NPS	2002
2040207	Murderkill River	DE220-002 (36.5 miles)	Spring Creek	From the headwaters to the confluence with Murderkill River , excluding Andrews Lake and McGinnis Pond	1	15.8 miles	Bacteria, Nutrients, and DO	PS, NPS	2002 (for Nutrients and DO)
									2006 (for Bacteria)
				Tributary of Hudson River--from the headwaters to the confluence with the next larger stream order	1	0.49 miles	Biology and Habitat	NPS	2012
				Pratt Branch--eastern tributary of the headwaters to its confluence	1	1.27 miles	Biology	NPS	2012
2040207	Murderkill River	DE220-003 (16.2 miles)	Mid Murderkill River	From McCauley and Coursey Pond to the confluence with Spring Creek	1	9.2 miles	Bacteria and Nutrients	PS, NPS	2002 (for Nutrients)
									2006 (for Bacteria)
				Ash Gut-- from the headwaters to the confluence with the next larger stream order	1	1.04 miles	Biology and Habitat	NPS	2012
2040207	Murderkill River	DE220-004 (24.1 miles)	Browns Branch	From the headwaters adjacent to Harrington to the confluence with McCauley Pond	1	8.8 miles	Bacteria, DO, and Nutrients	NPS	2002 (for Nutrients and DO)
									2006 (for Bacteria)
				Tributary of Browns Branch--from the confluence of the headwaters to the confluence with Browns Branch	1	1.77 miles	Biology and Habitat	NPS	2012

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2040207	Murderkill River	DE220-005 (21.7 miles)	Upper Murderkill River	From the headwaters to the confluence with Coursey pond, excluding Killens and Coursey Ponds	1	7.4 miles	Bacteria and Nutrients	NPS	2002 (for Nutrients)
									2006 (for Bacteria)
				Spring Branch--tributary on Coursey Pond	1	2.52 miles	Biology	NPS	2012
				Fan Branch--from the headwaters to the confluence with Murderkill River	1	2.31 miles	Habitat, DO, and Temperature	NPS	2002 (for DO)
									2006 (for Temperature)
									2012 (for Habitat)
				Tributary of Black Swamp Creek--from the headwaters to its confluence	1	0.28 miles	Habitat	NPS	2012
				Beaver Dam Branch--from the confluence of the headwaters to the confluence with Murderkill River and Black Swamp Creek	1	2.96 miles	Biology	NPS	2012
2040207	Murderkill River	DE220-L01 (31.3 acres)	McGinnis Pond	Pond east of Viola	1	31.3 acres	Bacteria and Nutrients	NPS	2002 (for Nutrients)
									2006 (for Bacteria)
2040207	Murderkill River	DE220-L02 (17.5 acres)	Andrews Lake	Lake northwest of Frederica	2	N/A	N/A	N/A	N/A
2040207	Murderkill River	DE220-L03 (58.1 acres)	Coursey Pond	Pond southwest of Frederica	1	58.1 acres	Nutrients	NPS	2002
2040207	Murderkill River	DE220-L04 (75.1 acres)	Killen Pond	Pond southwest of Felton	1	75.1 acres	Bacteria and Nutrients	NPS	2002 (for Nutrients)

HUC (RF3)	WATERSHED NAME	WATERBODY ID (TOTAL SIZE)	SEGMENT	DESCRIPTION	CATEGORY	SIZE AFFECTED	POLLUTANT(S) AND / OR STRESSOR(S)	PROBABLE SOURCE(S)	TARGET DATE FOR TMDL
									2006 (for Bacteria)
2040207	Murderkill River	DE220-L05 (49.0 acres)	McCauley Pond	Pond northeast of Harrington	1	49.0 acres	Bacteria and Nutrients	NPS	2002 (for Nutrients)
									2006 (for Bacteria)
2040207	Mispiration River	DE210-001 (13.2 miles)	Lower Mispillion	From dam at Silver Lake to mouth at Delaware Bay	1	13.2 miles	Bacteria, DO, and Nutrients	NPS	2006
2040207	Mispillion River	DE210-002 (11.2 miles)	Upper Mispillion	From the headwaters to Silver Lake in Milford, excluding Silver, Haven, and Griffith Lakes; Blairs, Abbotts, and Tub Mill Ponds	1	11.2 miles	Bacteria, DO, and Nutrients	NPS	2006
				Tantrough Branch--from the headwaters to the confluence with Blairs Pond	1	3.24 miles	Biology	NPS	2012
				Beaverdam Branch--western tributary of the headwaters to its confluence	1	2.69 miles	Biology	NPS	2012
2040207	Mispillion River	DE210-003 (9.8 miles)	Johnson Branch including its tributaries	Johnson Branch--from the confluence of the headwaters to the confluence with Haven Lake	1	4.02 miles	Habitat	NPS	2012
2040207	Mispillion River	DE210-004 (5.6 miles)	Tributary from the headwaters to Silver Lake	Lednum Branch---eastern tributary of the headwaters to its confluence	1	1.31 miles	Habitat	NPS	2012
2040207	Mispillion River	DE210-005 (29.1 acres)	Tributaries from dam at Silver Lake to the mouth of Delaware Bay	Tributary of Crooked Gut---from the start of the second order stream to the confluence with the Mispillion River	2	N/A	N/A	N/A	N/A
2040207	Mispillion River	DE210-L01 (4.8 acres)	Tub Mill Pond	Pond north of Milford	1	4.8 acres	Nutrients	NPS	2006
2040207	Mispillion River	DE210-L02 (28.5 acres)	Silver Lake	Silver Lake at Milford	1	28.5 acres	Bacteria and Nutrients	NPS	2006
2040207	Mispillion River	DE210-L03 (82.5 acres)	Haven Lake	Lake west of Milford; upstream of Silver Lake	1	82.5 acres	Nutrients and DO	NPS	2006
2040207	Mispillion River	DE210-L04 (32.2 acres)	Griffith Lake	Lake west of Milford; upstream of Haven Lake	1	32.2 acres	Nutrients	NPS	2006

HUC (RF3)	WATERSHED NAME	WATERBODY ID (TOTAL SIZE)	SEGMENT	DESCRIPTION	CATEGORY	SIZE AFFECTED	POLLUTANT(S) AND / OR STRESSOR(S)	PROBABLE SOURCE(S)	TARGET DATE FOR TMDL
2040207	Mispillion River	DE210-L05 (28.5 acres)	Blairs Pond	Pond southwest of Milford	1	28.5 acres	Bacteria, DO, and Nutrients	NPS	2006
2040207	Mispillion River	DE210-L06 (25.6 acres)	Abbotts Mill Pond	Pond southwest of Milford	1	25.6 acres	Bacteria and Nutrients	NPS	2006
2040207	Cedar Creek	DE080-001 (21.8 miles)	Lower Cedar Creek	Tidal segment from Cedar Creek Mill Pond to mouth at Delaware Bay	1	8.8 miles	DO, Bacteria, and Nutrients	NPS	2006
2040207	Cedar Creek	DE080-002 (22.9 miles)	Upper Cedar Creek	From the headwaters to Cedar Creek Mill Pond, including Church Branch and Cedar Mill Pond, Gubbage Pond, Clendaniel Pond and Hudson Pond	1	13.0 miles	Bacteria and Nutrients	NPS	2006
2040207	Cedar Creek	DE080-003 (16.7 miles)	Slaughter Creek	Creek NOT on the mainstem---south of Cedar Creek	4	N/A	N/A	N/A	N/A
2040207	Broadkill River	DE060-001 (10.6 miles)	Lower Broadkill	From the confluence with Beaver Dam Creek to mouth at Delaware Bay, excluding Red Mill Pond	1	8.1 miles	Nutrients and DO	NPS	2006
2040207	Broadkill River	DE060-002 (8.3 miles)	Beaverdam Creek	From the headwaters to the confluence with Broadkill River	1	8.3 miles	Bacteria and Nutrients	PS, NPS	2006
2040207	Broadkill River	DE060-003 (7.5 miles)	Upper Broadkill River	Broadkill River from below Waggamons Pond to the confluence with Beaver Dam Creek	1	5.0 miles	Bacteria and Nutrients	PS, NPS	2006
2040207	Broadkill River	DE060-004 (5.2 miles)	Round Pole Branch	Tributary from the headwaters to confluence with Upper Broadkill River	1	5.2 miles	Bacteria, DO, and Nutrients	NPS	2006
2040207	Broadkill River	DE060-005 (13.0 miles)	Ingrams Branch	From the headwaters to Waggamons Pond, including Diamond Pond	1	7.6 miles	Bacteria, DO, and Nutrients	NPS	2006
				Ingrams Branch-- western tributary of the headwaters	1	1.70 miles	Habitat and DO	NPS	2006 (for DO)
									2012 (for Habitat)
2040207	Broadkill River	DE060-006 (8.7 miles)	Pemberton Branch	From the headwaters to Waggamons Pond	1	5.0 miles	Bacteria and Nutrients	NPS	2006
2040207	Broadkill River	DE060-007-01 (5.3 miles)	Lower Red Mill Branch	From Red Mill Pond to the confluence with Lower Broadkill River	1	5.3 miles	DO and Nutrients	NPS	2006

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2040207	Broadkill River	DE060-007-02 (1.5 miles)	Martin Branch	From the headwaters to Red Mill Pond	1	1.5 miles	DO and Nutrients	NPS	2006
				Tributary above Red Mill Pond--from start of the second order stream to the confluence with Red Mill Pond	1	0.06 miles	Habitat	NPS	2012
2040207	Broadkill River	DE060-007-03 (1.0 miles)	Heronwood Branch	From the headwaters to Red Mill Pond	1	1.0 miles	Bacteria and DO	NPS	2006
2040207	Broadkill River	DE060-008 (23.6 miles)	Primehook Creek	Primehook Creek , including its tributaries	2	N/A	N/A	N/A	N/A
2040207	Broadkill River	DE060-L01 (150.0 acres)	Red Mill Pond	Pond located on Martin Branch	1	150.0 acres	Bacteria, Nutrients, and DO	NPS	2006
2040207	Broadkill River	DE060-L02 (35.0 acres)	Waggamons Pond	Pond adjacent to Milton	1	35.0 acres	Nutrients	PS, NPS	2006
2040207	Broadkill River	DE060-L03 (88.8 acres)	Waples Pond and Reynolds Pond	Ponds located on Sowbridge Branch of Primehook Creek	1	88.8 acres	Bacteria, Nutrients, and DO	NPS	2006

HUC (RF3)	WATERSHED NAME	WATERBODY ID (TOTAL SIZE)	SEGMENT	DESCRIPTION	CATEGORY	SIZE AFFECTED	POLLUTANT(S) AND / OR STRESSOR(S)	PROBABLE SOURCE(S)	TARGET DATE FOR TMDL
DELAWARE ESTUARY BASIN									
2040207 and 2060010	Delaware Bay	N/A (782.0 sq. mi.)	DRBC Zone 6	From Liston Point to the confluence with the Atlantic Ocean	1	782.0 sq. mi.	PCBs and Bacteria	PS, NPS	2005 (for Bacteria)
									2013 (for PCBs)